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Claims

4. An induction coil comprising a plurality of concentric tubular members, each of said tubular members further comprising a plurality of elongate, parallel, electrically conductive strips, each of said strips having a strip length, a strip width and a strip thickness, each of said parallel electrically conductive strips being separated from adjacent parallel strips by a gap having a gap width, wherein said gap width is less than said strip width and said strip thickness, and wherein at least one electrically conductive strip on one said tubular member is in electrical communication with an electrically conductive strip on a different tubular member.

5. An induction coil in accordance with claim 4 wherein said gap width is less than 1 millimeter.

6 (Amended). An induction coil in accordance with claim 4 wherein said electrically conductive strips are substantially rectangular in cross-section.

7 (Amended). An induction coil in accordance with claim 5 wherein said electrically conductive strips are substantially rectangular in cross-section.